

# CentraSep® DB Series

Powerful and Cost-Effective Clarification



## DESIGN AND OPERATING FEATURES

- Sizing options with flow rates ranging from 1 to 640 bbl/hr.
- Oxygen pick-up 0 to 10 ppb
- Short installation time, lower maintenance cost
- High bowl RPM and selected disk design for enhanced clarification, even polishing
- Hermetic seal design eliminates need for inserting gas or degassed water
- Sanitary design, fully cleanable (CIP)
- Consistent and adjustable turbidity
- Ten sizes with three automation levels: manual, semi-auto, auto

## Our Service Sets Us Apart From the Crowd

Clarification is second nature to us. Our capability and willingness to provide high-quality and consistent after market service is what sets Trucent apart.

Over 20 years ago, we forged a partnership with the highest-quality clarification technology company in the world, SPX Flow's Seital Separation Technologies. We've become experts in this technology, and we combine this with our service-first mindset to become an irreplaceable member of your team.

## One Machine, Multiple Applications

Brewery application areas include hot wort, cold wort, green beer, fermentation to bright tank, beer recovery from yeast cake, pre-filtration. Trucent can even use this machine to optimize your waste treatment process, if you'd like.

Our hermetic seal will protect your beer's flavor and aroma with 0-10 ppb oxygen pick up.

Also, our fast and precise discharge time minimizes product losses and maximizes dry solids content at the discharge.



*Example of solids discharge*

# CentraSep<sup>®</sup> DB Series

## Sizing and Flow Rate Options



Capacities up to – according to different clarification steps (barrels per hour)

MODELS	HOT WORT (bbl/hr)	TRUB WORT (bbl/hr)	GREEN BEER (bbl/hr)	BEFORE FILTRATION (bbl/hr)	BEER RECOVERY (bbl/hr)	SPECIAL POLISHING (bbl/hr)
DB-1025	13	3	21	21	1	8
DB-1145	38	4	43	43	2	12
DB-1660	43	4	60	60	2	17
DB-2012	120	13	120	120	5	33
DB-3017	170	34	170	170	9	42
DB-4022	213	34	213	213	9	59
DB-4525	247	43	247	247	10	75
DB-5043	281	70	426	426	21	84
DB-6052	341	102	512	512	26	92
DB-7064	451	-	640	640	-	109

(\*) The real clarifier capacity depends on the product characteristics and on the requested degree of clarification

MODELS	INLET	OUTLET
HOT WORT	< 1.5% v/v	< 0.05% v/v
TRUB WORT	< 15% v/v	< 0.2% v/v
GREEN BEER	< 20 million yeast cells/ml	< 1 million yeast cells/ml
BEFORE FILTRATION	< 10 million yeast cells/ml	< 0.5 million yeast cells/ml
BEER RECOVERY	< 30% v/v	< 1% v/v